

REMARKS/ARGUMENTS

In the Office Action issued February 6, 2007, claims 1-85 were rejected under 35 U.S.C. §103(a) as being unpatentable over US Patent No. 6,574,678 to NyKanen et al. (NyKanen) in view of US Patent Application Publication No. 2005/0089052 to Chen et al. (Chen).

Claims 1-6, 10-14, 21-23, 44-49, 53-57, 60, 64-70, 74-78, 81, and 85 are now pending in this application. Claims 7-9, 15-16, 18-20, 24-43, 50-52, 58-59, 61-63, 71-73, 79-80, and 82-84 have been canceled. Claims 1, 44, and 65 have been amended to clarify the subject matter that the applicant considers to be the invention. Claims 10, 53, and 74 have been amended to correct dependencies. No new matter has been added.

The applicant respectfully maintains the traversal of the Examiner's reliance upon Chen as a prior art reference in this application. Chen (10/916,832) was filed on August 12, 2004, and published on April 28, 2005. The present application was filed on December 20, 2001. Chen does not qualify as prior art relative to the present application because Chen was not filed or published prior to the filing of the present application. Chen claims priority to US Patent Application No. 09/773,103, or in the provisional applications of which Chen claims the benefit, Provisional Application No. 60/179,042 and Provisional Application No. 60/189,870. However, the subject matter in Chen that the Examiner relied upon in making the rejection does not appear in those earlier applications. In particular, the subject matter relied upon by the Examiner is a security module that contains a security server that creates and manages dynamic per session security keys (e.g. encryption keys) each time user desires a login. The security server

also authenticates users by distributing and managing their individual security certificates (e.g., digital certificates). The integrated secure gateway system includes a wireless gateway interface for initializing wireless and wired broadband communications, for providing gateway, routing and bridging for wireless and wired broadband networking, communications. Thus, the earliest effective date to which this subject matter is entitled is

In addition to the above-stated traversal, the applicant respectfully submits that claims 1-6, 10-14, 17-23, 44-49, 53-57, 60, 64-70, 74-78, 81, and 85 (as amended) are not obvious over NyKanen in view of Chen, because even if NyKanen and Chen were combined as suggested by the Examiner, the result would not be the present invention, as claimed. NyKanen discloses a method for installing at least one service of at least one external device to a data processor. Said at least one service can be used for controlling the functions of said external device from the data processor. In the method, a local area link is established for transferring information between said data processor and said at least one external device. From said at least one external device, it is determined which are the services available in it. In the data processor (PC, LPC, PR), there is at least one service packet. The service packet is installed, which contains at least one of said services available in the wireless communication device.

However, NyKanen does not disclose or suggest the requirement of, for example, claim 1, of the wireless device executing commands including enabling/disabling access to user-specific data used by application software on the wireless device requiring user interaction locally on the wireless device, enabling/disabling the application software,

erasing at least a portion of the user-specific data, transmitting new application software and new user-specific data to the wireless device, querying a current state of the wireless device, and reconfiguring the application software, or executing the command at the wireless device after verifying at the wireless device that a signature sent by the server that is an origin of the command and signature of the device are in agreement.

Chen discloses a broadband communications access device. Chen (Page 15. Para 0223) discloses a mechanism wherein the server authenticates the users who desire to login by distributing and managing individual certificates. However, Chen does not disclose or suggest the requirement of, for example, claim 1, of the wireless device executing commands including enabling/disabling access to user-specific data used by application software on the wireless device requiring user interaction locally on the wireless device, enabling/disabling the application software, erasing at least a portion of the user-specific data, transmitting new application software and new user-specific data to the wireless device, querying a current state of the wireless device, and reconfiguring the application software, or executing the command at the wireless device after verifying at the wireless device that a signature sent by the server that is an origin of the command and signature of the device are in agreement.

Therefore, even if NyKanen and Chen were combined as suggested by the Examiner, the resulting combination still would not disclose or suggest the requirement of, for example, claim 1, of the wireless device executing commands including enabling/disabling access to user-specific data used by application software on the wireless device requiring user interaction locally on the wireless device,

enabling/disabling the application software, erasing at least a portion of the user-specific data, transmitting new application software and new user-specific data to the wireless device, querying a current state of the wireless device, and reconfiguring the application software, or executing the command at the wireless device after verifying at the wireless device that a signature sent by the server that is an origin of the command and signature of the device are in agreement.

Therefore, claim 1, and claims 44, and 65, which are similar to claim 1, and claims 2-6, 10-14, 17-23, 45-49, 53-57, 60, 64, 66-70, 74-78, 81, and 85, which depend therefrom, is not unpatentable over NyKanen in view of Chen.

In addition to the reasons discussed above, claims 6, 49, and 70 are not unpatentable over the combination of NyKanen and Chen for the additional reason that NyKanen, col. 3, lines 12-22, refers to deciding on the features a device supports. Since this prior art is about installing services on devices, it is important to know the device type and the services it supports. Whereas, the present invention refers to executing commands on any device independent of the services it supports.

In addition to the reasons discussed above, claims 10, 21, 53, 64, 74, and 85 are not unpatentable over the combination of NyKanen and Chen for the additional reason that NyKanen, col. 5, lines 55-61, describes a mechanism by which communication takes place over a local area link. The transmission of message interrupts the controller. Whereas the present invention relates to an acknowledgement from the wireless device to the server after the execution of a command.

In addition to the reasons discussed above, claims 11, 22, 54, and 75 are not unpatentable over the combination of NyKanen and Chen for the additional reason that NyKanen, col. 5, lines 55-61, describes a mechanism by which communication takes place over a local area link. The transmission of message interrupts the controller, and the communication can be spontaneous. Whereas, the present invention relates to an acknowledgement from the wireless device to the server after the execution of a command that is sent periodically.

In addition to the reasons discussed above, claims 12, 23, 55, and 76 are not unpatentable over the combination of NyKanen and Chen for the additional reason that Chen, Page 6, Paragraph. 0085, teaches how to overcome the limitations of wireless communication range in piconets by use of scatternets. Whereas, the present invention refers to an acknowledgment sent from the wireless device to the server after the execution of a command. This acknowledgment is sent based on a threshold condition. This is important because the communication from the wireless device to the server should be governed by a policy (threshold condition) that may be based on cost, distance, coverage etc and not sent as soon as a command is executed.

Thus, for these additional reasons, the above listed claims are not unpatentable over the combination of NyKanen and Chen.

Each of the claims now pending in this application is believed to be in condition for allowance. Accordingly, favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.

Additional Fees:

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 50-4047 (19527.0004).

Conclusion

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

Respectfully Submitted,



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